EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		@fd<"20020821" and ((spike with circuit) same (oscillation with circuit))	US-PGPUB; USPAT	OR	OFF	2010/08/04 15:12
		@pd<"20020821" and ("oscillation circuit" same ((compose$ with S151) with circuit))	US-PGPUB; USPAT	OR	ON	2010/02/03 12:21
		"20040075473" and (exceeds with first) with threshold)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:34
		706/15.ccls. and (((amplitude with (control or input)) same (oscillation or frequency))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:41
		@fd<"20020821" and ((phase adj3 oscillation) with controlled)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:47
		@pd<"20020821" and ((phase with oscillation) with control$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:29
		"radon transform".clam.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:29
		@ad<"20020821" and (((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:04
		@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:03
		@fd<"20020821" and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2007/08/06 10:31
L1	620	706/14.ccls.	US-PGPUB; USPAT	OR	OFF	2010/08/09 08:55
L2	464	706/14.ccls. and control	US-PGPUB; USPAT	OR	OFF	2010/08/09 08:56
L3	83	706/14.ccls. and actuat$4	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:20

L4	728	@pd<"20020821" and ((oscillation with generation) with circuit)	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:26
L5	52	@pd<"20020821" and (((oscillation with generation) with circuit) with terminal)	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:26
L6	10	@pd<"20020821" and (((oscillation.clm. with generation) with circuit) with terminal)	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:26
L7	42	l5 not l6	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:27
L8	88	@pd<"20020821" and ((first.clm. with spike) with circuit)	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:29
L9	4	@pd<"20020821" and ((first.clm. with spike) with generation)	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:32
L10	18	@pd<"20020821" and ((first with spike) with generation)	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:33
L11	277	@pd<"20020821" and ((first with spike) with circuit)	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:33
L12	291	l10 or l11	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:33
L13	91	l8 or l9	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:33
L14	200	l12 not l13	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:34
L15	288	@pd<"20020821" and ((second with spike) with (generation or circuit))	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:40
L16	84	@pd<"20020821" and ((second.clm. with spike) with (generation or circuit))	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:51
L17	0	@pd<"20020821" and (("first spike" with composite.clm.) with "second spike")	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:55
L18	0	@pd<"20020821" and (("first spike" with composite) with "second spike")	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:55
S1	1	"20040075473"	US-PGPUB; USPAT	OR	OFF	2006/12/05 08:59

S2	60535	@pd<"20020821" and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:00
S3	72834	@ad<"20020821" and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:49
S4	42061	@ad<"20020821" and (amplitude with (control or input)) and ((oscillation or frequency) with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:41
S5	23127	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:04
S6	19214	@pd<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:04
S7	17060	@pd<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural neworks" or circuit $)	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:05
S8	20307	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural neworks" or circuit $)	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:08
S9	53	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural neworks" or circuit $) and (spike with threshold)	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:26

S10	46	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural neworks" or circuit $) and (spike with threshold) and (second with threshold)	US-PGPUB; USPAT	OR	ON	2006/12/04 08:36
S11	1786	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural neworks" or circuit $) and "327".clas.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:37
S12	1	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural neworks" or circuit $) and "327".clas. and (artificial with neural)	US-PGPUB; USPAT	OR	OFF	2006/11/30 13:09
S13	1	"20040075473" and "first spike"	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:07
S14	1	"20040075473" and (first with spike)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:07
S15	49	@ad<"20020821" and (inferior with olive)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:42
S16	0	@ad<"20020821" and ((inferior with olive) with model$)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:43
S17	4	@ad<"20020821" and ((inferior with olive) same model$)	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:43
S18	9432	@ad<"20020821" and (sinusoidal with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:49
S19	4001	@ad<"20020821" and (sinusoidal with (control or input)) and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:50
S20	1689	@ad<"20020821" and ((sinusoidal with (control or input)) same (amplitude with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/11/30 14:50

S21	110	"radon transform".clm.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:29
S22	19	"radon transform".clm. and "inverse radon".clm.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:30
S23	2	("radon transform".clm. with "neural network") and "inverse radon".clm.	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:35
S24	2	("radon transform".clm. with "neural network") and ("inverse radon".clm. with "neural network")	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:36
S25	2	("radon transform".clm. with "neural network") and ("inverse radon".clm. with "neural network") and (image with data)	US-PGPUB; USPAT	OR	OFF	2006/11/30 16:36
S26	1	"20040075473" and filter	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S27	1	"20040075473" and (phase with oscillation)	US-PGPUB; USPAT	OR	OFF	2006/12/01 09:12
S28	1	"20040075473" and (threshold)	US-PGPUB; USPAT	OR	OFF	2006/12/01 09:15
S29	1	"20040075473" and (first with threshold)	US-PGPUB; USPAT	OR	OFF	2006/12/01 11:26
S30	1	"20040075473" and ("first threshold" with spike)	US-PGPUB; USPAT	OR	OFF	2006/12/01 10:57
S31	1	"20040075473" and (oscillation)	US-PGPUB; USPAT	OR	OFF	2006/12/01 11:39
S32	1	"20040075473" and (first with spike)	US-PGPUB; USPAT	OR	OFF	2006/12/01 11:26
S33	1	"20040075473" and (oscillation with generat$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 12:18
S34	1	"20040075473" and (preserv$)	US-PGPUB; USPAT	OR	OFF	2006/12/01 12:39
S35	1	"20040075473" and (robot $)	US-PGPUB; USPAT	OR	OFF	2006/12/01 12:57
S36	1	"20040075473" and (back $)	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:41
S37	0	"20040075473" and ("degree of coupling")	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:42
S38	0	"20040075473" and ("degree of" with "of coupling")	US-PGPUB; USPAT	OR	OFF	2006/12/01 13:45
S39	1	"20040075473" and (degree with coupling)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:10

S40	1744	2pd<"20020821" and ("neural network" or "neural networks") and (robot samw walking)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:12
S41	61	2pd<"20020821" and ("neural network" or "neural networks") and (robot same walking)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S42	1	"20060056678" and walk$	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S43	0	"20060056678" and walk$ and phase	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S44	0	"20060056678" and walk$ and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:15
S45	42	2pd<"20020821" and ("neural network" or "neural networks") and (robot same walking) and phase	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:16
S46	3	2pd<"20020821" and ("neural network" or "neural networks") and (robot same walking) and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:24
S47	1	"20050113973" and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:22
S48	0	@pd<"20020821" and ("neural network" or "neural networks") and (robot same walking) and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:24
S49	8	@pd<"20020821" and ("neural network" or "neural networks") and (walking) and phase and oscillation	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:29
S50	8814	@pd<"20020821" and (phase with oscillation)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:29
S51	3074	@pd<"20020821" and ((phase with oscillation) with (control or controlled or controlling))	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:30
S52	0	@pd<"20020821" and ((phase with oscillation) with (control or controlled or controlling)) and (artificial with neural)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:30

S53	4	@pd<"20020821" and ((phase with oscillation) with (control or controlled or controlling)) and (neural with network)	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:30
S54	1	"20040075473" and "output device"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:37
S55	1	"20040075473" and "device"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:37
S56	0	"20040075473" and "degree of"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S57	1	"20040075473"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S58	1	"20040075473" and "degree"	US-PGPUB; USPAT	OR	OFF	2006/12/01 14:53
S59	288	@pd<"20020821" and ((phase adj3 oscillation) with controlled)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:47
S60	0	@pd<"20020821" and ((phase adj3 oscillation) with controlled) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:47
S61	0	@pd<"20020821" and ((phase adj3 oscillation) with controlled) and (neurons)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:48
S62	0	@pd<"20020821" and ((phase adj3 oscillation) with (control or controlling or controlled)) and (neurons)	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:49
S63	0	@pd<"20020821" and ((phase adj3 oscillation) with (control or controlling or controlled)) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:49
S64	13	@pd<"20020821" and ((phase adj3 oscillation)) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:57
S65	23	@pd<"20020821" and ("inferior olive" or "olivo-serebellar" or "olivo cerebellar")	US-PGPUB; USPAT	OR	OFF	2006/12/04 07:58

S66	5	@pd<"20020821" and ("inferior olive" or "olivo-serebellar" or "olivo cerebellar") and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:01
S67	18	S65 not S66	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:01
S68	52	@ad<"20020821" and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input))) and ("neural network" or "neural neworks" or circuit $) and "706".clas.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:39
S69	405	706/15.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:40
S70	11	706/15.ccls. and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:40
S71	13	706/15.ccls. and ((amplitude with (control or input)) same (oscillation or frequency))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:41
S72	23	706/15.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S73	5	706/12.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S74	425	706/12.ccls.	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S75	47	706/20.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S76	33	706/26.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:42
S77	218	327/100.ccls. and (amplitude with (control or input))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:43
S78	72	327/100.ccls. and ((amplitude with (control or input)) same ((oscillation or frequency) with (control or input)))	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:43

S79	167	S78 or S76 or S75 or S73 or S72	US-PGPUB; USPAT	OR	OFF	2006/12/04 08:43
S80	0	"20040075473" and "processig unit"	US-PGPUB; USPAT	OR	OFF	2006/12/05 10:28
S81	1	"20040075473" and "processing unit"	US-PGPUB; USPAT	OR	OFF	2006/12/05 08:59
S82	2193	@pd<"20020821" and ((control with oscillation) with phase)	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:27
S83	3	@pd<"20020821" and ((control with oscillation) with phase) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:28
S84	3	@pd<"20020821" and ((phase with oscillation) with control) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:28
S85	9	@pd<"20020821" and ((phase with oscillation) same control) and ("neural network" or "neural networks")	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:29
S86	6	S85 not S84	US-PGPUB; USPAT	OR	OFF	2006/12/05 09:29
S87	1	"20040075473" and "inferior"	US-PGPUB; USPAT	OR	OFF	2006/12/05 10:28
S88	1	"20040075473"	US-PGPUB; USPAT	OR	OFF	2007/08/06 10:31
S89	1	"20040075473" and (input with signal)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:17
S90	0	"20040075473" and (input with connection)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:18
S91	1	"20040075473" and ("input signal")	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:19
S92	1	"20040075473" and connection	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:28
S93	1	"20040075473" and ((amplitude with frequency) with first)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:34
S94	1	"20040075473" and ((exceeds with first) with threshold)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:51
S95	0	"20040075473" and (related with fashion)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:52
S96	0	"20040075473" and (related with cluster)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:52

S97	0	"20040075473" and (group with cluster)	US-PGPUB; USPAT	OR	OFF	2007/08/06 11:53
S98	1	"20040075473" and (cluster)	US-PGPUB; USPAT	OR	OFF	2007/08/06 12:02
S99	1	"20040075473" and (cluster with neuron)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:03
S100	1	"20040075473" and (cluster with higher)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:04
S101	0	"20040075473" and ((cluster with higher) with degree)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:07
S102	0	"20040075473" and ((cluster with higher) same degree)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:07
S103	0	"20040075473" and ((cluster same higher) same degree)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:17
S104	0	"20040075473" and cheical	US-PGPUB; USPAT	OR	ON	2007/08/06 12:17
S105	1	"20040075473" and chemical	US-PGPUB; USPAT	OR	ON	2007/08/06 12:19
S106	1	"20040075473" and (oscillation with generation)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:37
S107	0	"20040075473" and (phase with characteristic)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:38
S108	1	"20040075473" and (phase same characteristic)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:50
S109	1	"20040075473" and (coupling with element)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:51
S110	1	"20040075473" and ((coupling with impedance) with variable)	US-PGPUB; USPAT	OR	ON	2007/08/06 12:52
S111	1	"20040075473" and synchronization	US-PGPUB; USPAT	OR	ON	2007/08/06 15:53
S112	1	"20040075473" and (command with input)	US-PGPUB; USPAT	OR	ON	2007/08/06 14:13
S113	1	"20040075473" and ((generat$ with different) with threshold)	US-PGPUB; USPAT	OR	ON	2007/08/06 14:14
S114	0	"20040075473" and "characteristic information"	US-PGPUB; USPAT	OR	ON	2007/08/06 15:53
S115	0	"20040075473" and (characteristic with information)	US-PGPUB; USPAT	OR	ON	2007/08/06 15:57

S116	0	"20040075473" and (characteristic same information)	US-PGPUB; USPAT	OR	ON	2007/08/06 16:03
S117	0	"20040075473" and (synchronize with controll $)	US-PGPUB; USPAT	OR	ON	2007/08/06 16:03
S118	0	"20040075473" and (synchronize with controll)	US-PGPUB; USPAT	OR	ON	2007/08/06 16:03
S119	0	"20040075473" and (synchronize same controll $)	US-PGPUB; USPAT	OR	ON	2007/08/06 16:04
S120	1	"20040075473" and (controll$)	US-PGPUB; USPAT	OR	ON	2007/08/06 16:24
S121	1	"20040075473" and (variable with impedance)	US-PGPUB; USPAT	OR	ON	2007/08/06 16:24
S122	1	"20040075473" and circuit	US-PGPUB; USPAT	OR	OFF	2008/02/14 11:41
S123	1	"20040075473" and ((amplitude withphase) with frequency)	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S124	0	"20040075473" and ((amplitude with phase) with frequency)	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S125	0	"20040075473" and ((amplitude with phase))	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S126	1	"20040075473" and ((phase))	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:14
S127	0	"20040075473" and ((amplitude same phase) same frequency)	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:16
S128	1	"20040075473" and ((amplitude with frequency))	US-PGPUB; USPAT	OR	OFF	2008/02/14 12:16
S129	0	"20040075473" and "phase characteristic"	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:29
S130	0	"20040075473" and (phase with characteristic)	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:29
S131	0	"20040075473" and (phase same characteristic)	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:30
S132	0	"20040075473" and (phase with predetermin$)	US-PGPUB; USPAT	OR	OFF	2008/02/15 10:30
S133	1	"20040075473" and (variable with impedance)	US-PGPUB; USPAT	OR	OFF	2008/02/15 12:17
S134	1	"20040075473" and ((plurality with coupling) with element)	US-PGPUB; USPAT	OR	OFF	2008/02/15 12:33

S135	1	"20040075473" and ((plurali$ same coupling) same element)	US-PGPUB; USPAT	OR	OFF	2008/02/15 12:34
S136	1	"20040075473" and ((coupling) same element)	US-PGPUB; USPAT	OR	OFF	2008/02/15 13:18
S137	1	"20040075473" and ((coupling) same element)	US-PGPUB; USPAT	OR	ON	2008/02/15 13:18
S138	1	"20040075473" and synchron$	US-PGPUB; USPAT	OR	ON	2008/02/15 13:29
S139	1	"20040075473" and (command with input)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:16
S140	1	"20040075473" and (coupling with high)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:50
S141	0	"20040075473" and (higher with degree)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:58
S142	0	"20040075473" and (low$ with degree)	US-PGPUB; USPAT	OR	ON	2008/02/15 14:58
S143	0	@pd<"20020821" and "appha rhythm"	US-PGPUB; USPAT	OR	OFF	2010/02/02 12:32
S144	78	@pd<"20020821" and "alpha rhythm"	US-PGPUB; USPAT	OR	OFF	2010/02/02 12:32
S145	46	@pd<"20020821" and "alpha rhythm" and circuit	US-PGPUB; USPAT	OR	OFF	2010/02/02 12:32
S146	1	"4677982".pn.	US-PGPUB; USPAT	OR	OFF	2010/02/02 13:15
S147	1	"20040075473" and (positive with feedback)	US-PGPUB; USPAT	OR	OFF	2010/02/02 15:30
S148	0	"20040075473" and (negitive with feedback)	US-PGPUB; USPAT	OR	OFF	2010/02/02 15:30
S149	1	"20040075473" and "first spike"	US-PGPUB; USPAT	OR	OFF	2010/02/02 15:51
S150	5120	@pd<"20020821" and "oscillation circuit"	US-PGPUB; USPAT	OR	OFF	2010/02/03 12:20
S151	24	@pd<"20020821" and ("oscillation circuit" same ((compose$ with two) with circuit))	US-PGPUB; USPAT	OR	ON	2010/02/03 12:21
S152	490	331/172.ccls. and @pd<"20020821"	US-PGPUB; USPAT	OR	ON	2010/02/03 12:24
S153	97	331/172.ccls. and @pd<"20020821" and oscillation	US-PGPUB; USPAT	OR	ON	2010/02/03 12:24
S154	225	331/175.ccls. and @pd<"20020821" and oscillation	US-PGPUB; USPAT	OR	ON	2010/02/03 12:24

| S155 | 315 | S154 or S153 | US-PGPUB; USPAT | OR | ON | 2010/02/03 12:24 |
| S156 | 39 | @pd<"20020821" and ((spike with circuit) same (oscillation with circuit)) | US-PGPUB; USPAT | OR | OFF | 2010/08/04 15:12 |

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